



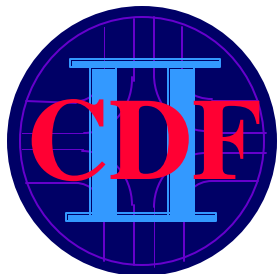
CDF Operations Report

Nathan Eddy

March 3rd, 2003

All Exp. Meeting

- Store Report
- Access Work
- Plan for CLC
- Summary



Stores

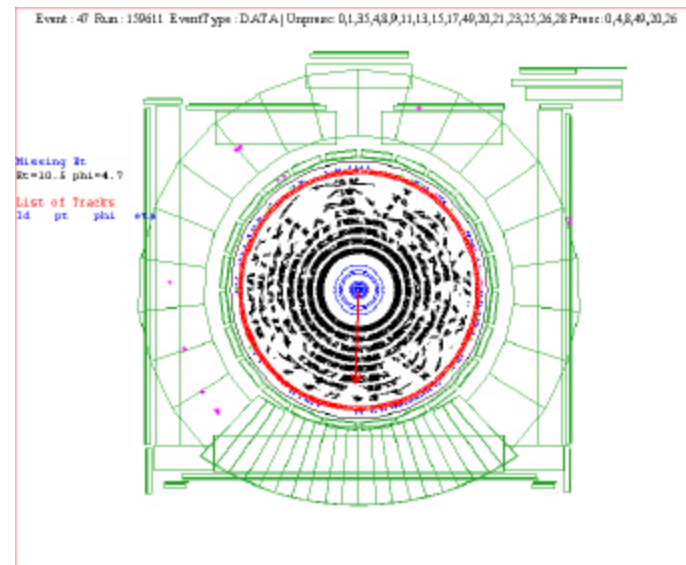
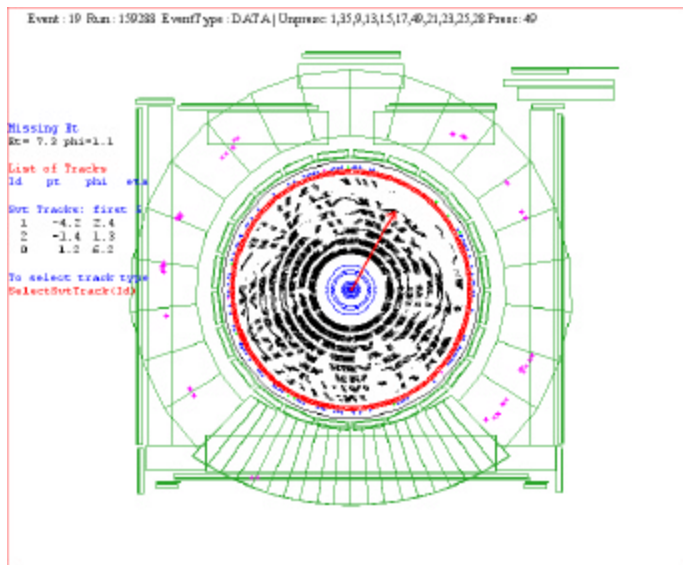
Date	Store	Duration	Initial Lum.	Integrated Lum.	Live Lum.	ϵ
Mon	2271	16.2	24.0e30	841.1	747.2	88.8
Fri	2285	15.1	13.5e30	448.5	343.4	76.6
	Total	31.3		1289.6	1090.6	84.6

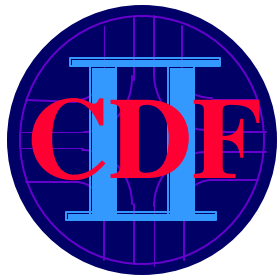
- Store 2285
 - Detector checkout (1 hour of normal running)
 - Silicon D-mode calibration
 - Silicon to standby after calibrations due to higher than normal ploss
 - Performed XFT trigger studies
 - Quench before beam was dumped caused SVX dose alarm
 - Largest radiation dose observed since A11 Collimator was moved



COT Access

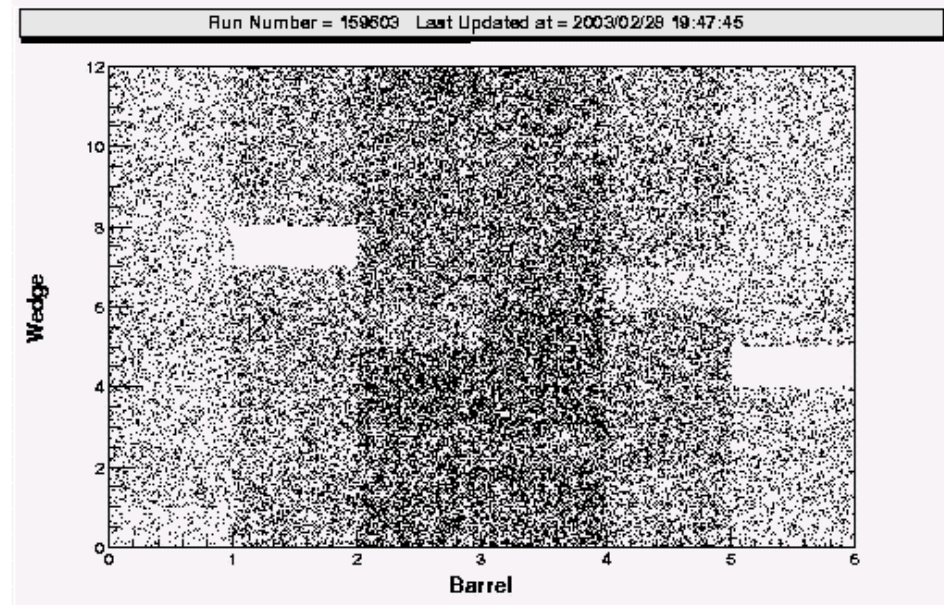
- A 2 shift access is to fix cot problems – 6:00am to 11:45pm
- Required pulling both plugs to access east and west faces
 - Disabled cell 86 of SL7 (12 wires)
 - Disabled sense wires 0 and 1 on cell 3 of SL8 (2 wires)
 - Disabled sense wire 11 on cell 29 of SL8 (1 wire)





Silicon Access

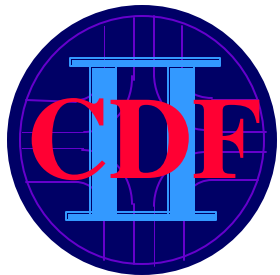
- Silicon DAQ electronics work during supervised access (Tues)
 - Swapped 3 FTMs to improve DAQ with fewer HRRs
 - Recovered 1 wedge for SVT (SB2W7)
 - Discovered bad power supply during checkout - swapped
- Controlled access (~30 min each)
 - Replaced fuse in ISL FTM
 - Replaced fuse in L00 FTM





CLC Status

- Cause for the phototube gain drop is still not understood
 - Possible helium contamination
 - Possible radiation damage
- Plan to replace 6 to 12 phototubes this week
 - Can do this without removing beam pipe
 - Phototube checkout underway
 - Begin work on Tuesday



Operations Summary

- Only two HEP stores
 - Came back in good shape after access
 - No damage from quench
- Access on Tuesday
 - COT and Silicon work successful
 - Detector in best shape ever
- Downtime this week
 - Work on Luminosity phototubes
 - Simple maintenance tasks
 - Do not plan to open detector